

Shivam Sharma

Greater Noida

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Summary

DevOps Engineer with **hands-on experience in AWS, Kubernetes, CI/CD pipelines, Docker, and Terraform**, specializing in **cloud infrastructure automation, containerization, and system security**. Skilled in deploying scalable applications, optimizing workflows, and enhancing security compliance. Proficient in **Python scripting and Linux administration** with a strong foundation in **software development and problem-solving**. Seeking to contribute to high-performance teams by driving efficiency, automation, and innovation in DevOps practices.

Skills

- **Cloud Platforms:** AWS (EC2, IAM, S3), Cloud Security
- **Version Control:** Git, GitHub
- **Programming and Scripting:** Python, Shell Scripting, SQL
- **DevOps Tools:** Jenkins, Docker, Kubernetes, Terraform, Nginx
- **Operating Systems:** Linux (Ubuntu, Debian)
- **Other skills:** HTML, CSS, JavaScript, Java

Work Experience

JarNox DevOps Intern 	May 2025 - Present
<ul style="list-style-type: none">Enhanced system security by restricting access through VPN-based authentication, leading to improved data protectionDeployed and configured Ollama Mistral model to enable efficient local LLM inference, enhancing processing speed and accuracyAutomated domain data collection through custom Python scripts, improving data retrieval and analysis workflows.Isolated internal Flask app from public access by enforcing VPN-only availability, reducing exposure risk.	

Projects

InfraGuard-Cloud Scanner https://infraguard.me/	Jun 2025 - Present
<ul style="list-style-type: none">Developed and deployed a full-stack cloud vulnerability scanning platform for AWS infrastructures using Python (Flask) for backend and HTML/CSS/JS for the frontend, hosted on Render and Vercel respectively.Performed vulnerability scans on EC2, S3, and IAM using AWS SDK (boto3), with dynamic result dashboards.Utilized AWS SDK (boto3) to perform automated EC2, IAM, and S3 security checks and generate detailed cloud security reports.Achieved production-level deployment with proper CORS, session handling, and async job polling for smooth UX.Integrated Razorpay Payment Gateway with secure transaction tracking and dynamic report access post-payment.	

CI/CD Pipeline using Jenkins http://35.175.145.107/	Mar 2025 - May 2025
<ul style="list-style-type: none">Developed a CI/CD pipeline using Jenkins, deployed a portfolio site on AWS EC2.Integrated GitHub webhooks and LocalTunnel to trigger Jenkins builds from a local machine.Utilized Docker for isolated Jenkins setup and environment consistency.Configured Gmail SMTP for build failure notifications; used Nginx as a reverse proxy.Automated Jenkins job backups via batch scripts and Windows Task Scheduler.	

Education

JIMS Engineering Management Technical Campus (JEMTEC) B.Tech, Computer Science & Engineering (GPA: 8.0)	Sep 2022 - Sep 2026 Greater Noida
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Certifications

Simplilearn Search Engine Optimization
<ul style="list-style-type: none">Completed training in On-Page & Off-Page SEO, Keyword Research, Image Optimization, Crawling, and Page SpeedHands-on practice with Google Keyword Planner & Ahrefs

Internshala Trainings | Web Development

- Completed 8-week certified training covering **HTML, CSS, Bootstrap, DBMS, PHP, JavaScript, React**
- Built a **final project** applying web development concepts
- Scored **64%** in the final assessment

Achievements

- 2nd Runner-Up – DSA Hackathon:** Solved complex algorithmic problems under time constraints, recognized for coding efficiency and teamwork.